

I claim:

1. An exhaust-gas cleaning installation for a combustion system, comprising:

a catalytic converter through which exhaust gas from a combustion system can flow;

a metering device for introducing a reagent into the exhaust gas; and

a monitoring unit connected to said metering device for calculating a quantity of pollutant emitted from the combustion system per unit time from operationally relevant parameters of the combustion system using a functional relationship;

said monitoring unit having an interface to be connected to an external measuring or control unit for transmitting at least one of the functional relationship and values for the operationally relevant parameters in the form of data through said interface between said monitoring unit and the external measuring or control unit, for checking and, if appropriate, correcting the functional relationship with the external measuring or control unit.

2. The exhaust-gas cleaning installation according to claim 1, wherein said interface is a plug connection.

3. The exhaust-gas cleaning installation according to claim 1, wherein said interface is a screw connection.

4. The exhaust-gas cleaning installation according to claim 1, wherein said monitoring unit corrects the functional relationship.

5. The exhaust-gas cleaning installation according to claim 1, wherein said monitoring unit corrects the functional relationship on the basis of individual measured points over at least a partial range of parameter values.

6. A process for catalytically reducing a pollutant level in exhaust gas from a combustion system, which comprises:

adding a reagent to exhaust gas from a combustion system and reacting the reagent with a pollutant at a catalytic converter;

calculating a quantity of the pollutant emitted from the combustion system per unit time from operationally relevant parameters of the combustion system using a functional

relationship and calculating an added quantity of the reagent therefrom with a monitoring unit;

measuring the quantity of pollutant with an external measuring or control unit supplying measured values; and

checking and, if appropriate, correcting the functional relationship on the basis of the measured values from the external measuring or control unit, in conjunction with maintenance work on the combustion system.

7. The process according to claim 6, which further comprises carrying out the step of correcting the functional relationship with the monitoring unit.

8. The process according to claim 6, which further comprises carrying out the step of correcting the functional relationship on the basis of individual measured points over at least a partial range of values of the operationally relevant parameters.

9. The process according to claim 6, which further comprises transmitting suitable values of the operationally relevant parameters from the monitoring unit to the external measuring or control unit for checking the functional relationship.

10. The process according to claim 6, which further comprises measuring the pollutant in an exhaust-gas stream upstream of the catalytic converter.

11. The process according to claim 10, which further comprises performing a pollutant measurement in the exhaust-gas stream downstream of the catalytic converter and determining activity of the catalytic converter.

12. The process according to claim 6, which further comprises performing a pollutant measurement in an exhaust-gas stream downstream of the catalytic converter and determining activity of the catalytic converter.

13. The process according to claim 11, which further comprises emitting a signal to a display device if the activity falls below a fixed value.

14. The process according to claim 12, which further comprises emitting a signal to a display device if the activity falls below a fixed value.